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FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. FILING DATE HUNG3046/EM 8831 10/657,231 09/09/2003 Chih-Pin Hung 23364 **EXAMINER** 7590 04/21/2004 BACON & THOMAS, PLLC CLARK, JASMINE JHIHAN B **625 SLATERS LANE** ART UNIT PAPER NUMBER FOURTH FLOOR ALEXANDRIA, VA 22314 2815

DATE MAILED: 04/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

U.S. Patent and Trademark Office

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)

1) Notice of References Cited (PTO-892)

Paper No(s)/Mail Date _

4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.

6) Other:

5) Notice of Informal Patent Application (PTO-152)

Application/Control Number: 10/657,231

Art Unit: 2815

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-7,11, 12, 14, 23, and 24 are rejected under 35 U.S.C. 102(b) as being anticipated by Fig. 1, Applicant's admitted prior art.

Fig. 1 still meets the limitations as set forth in the claimed invention, where as a bond wire 164 can be considered as a first conductive body which is disposed continuously on the first active surface 122 and the second active surface 142, and electrically connecting the first chip 12 and the second chip 14.

Concerning claims 2-7, 11, 12, 14, 23, 24, please see Fig. 1 and see pages 1-3 in the Spec.

Allowable Subject Matter

Claims 8-10, 13, 15-22, 25-28 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Devitt et al. (US 5,198,385) shows a bridge connection between a semiconductor chip and a metalized bond site. Omori et al. (US 4,972,250) shows an air bridge of

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semiconductor device. Moriizumi et al. (US 6,410,983 B1) show a bridge connection between MCM 1-1 and MCM 1-2. Huse et al. (US 6,521,994 B1) show a connection between a chip 502(φ) and a chip 502(1) via a conductive body 514 and bond wires 506.

Telephone Inquiry Contacts

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jasmine J Clark whose telephone number is (571) 272-1726. The examiner can normally be reached on Flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tom Thomas can be reached on (571) 272-1664. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jjbc/04/16/04

JASMINE CLARK PRIMARY EXAMINER

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